

## Web

Results 1 - 10 of about 14 for mopa laser beam splitter fluence bandwidth pulse. (0.26 seconds)

[PDF] [High-efficiency frequency doubling of a Nd:YAG laser in a two-pass ...](#)

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... YAG laser system based on a single-pass MOPA architecture ... 37,38 The laser pulses from a single-longitudinal-mode ... 7 J. The temporal profile of the beam from the ...

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[PDF] [Performance of a prototype for a large-aperture multipass Nd:glass ...](#)

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1. Single-pass MOPA laser architecture commonly used in ..... The beam expansion reduces the fluence below the dam ..... 5. Measurement of the Beamlet Laser Performance at ...

[www.z-beamlet.sandia.gov/media\\_lib/docs/pdfs/sci\\_papers/prototype\\_perf.PDF](http://www.z-beamlet.sandia.gov/media_lib/docs/pdfs/sci_papers/prototype_perf.PDF) - [Similar pages](#)

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... in turn, requires that the successive MOPA amplifiers ..... 3 A beam-shaping section forms the appropriate ... into the preamplifier section of the laser amplifier ...

[www.llnl.gov/nif/ncf/icfpubs/qrtly\\_reports/oct-dec94/VanWon1.pdf](http://www.llnl.gov/nif/ncf/icfpubs/qrtly_reports/oct-dec94/VanWon1.pdf) - [Similar pages](#)

[PDF] [Optics and Quantum Electronics](#)

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... 19 fs pulses with 240 nm bandwidth at 1.5 ... fs with octave spanning spectra directly from the laser. ... that the fluctuations in the intracavity beam-pointing angle ...

[rlweb.mit.edu/Publications/pr144/24.pdf](http://rlweb.mit.edu/Publications/pr144/24.pdf) - [Similar pages](#)

[PDF] [Advances in Lasers and Applications](#)

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... rate, wavelength(s), tunability, beam-quality, efficiency .... spectroscopic parameters include: laser transition cross ... wavelength, and bandwidth; metastable upper ...

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[PDF] [R\[1\]\[R](#)

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... the amplifier and the aberrator to the beam splitter that was ..... by SBS phase conjugation in a HF MOPA setup. .... scattering in SF 6 for a chemical laser beam," Izv ...

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[PDF] [Optik-Zentrum Konstanz Annual Report 1999](#)

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... structures. The planar waveguide was optically matched to the base of a prism illuminated from below with a parallel laser beam. At ...

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[PDF] [TAP 95 - Solid-State Materials for Few-Cycle Pulse Generation and ...](#)

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... wavelength and z is the coordinate along the pump beam. .... pulsed pump source (eg, a Q-switched laser), the population ... where J is the total energy fluence of the ...

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[PDF] [Fast Ignition of Fusion Targets Programme and Abstracts](#)

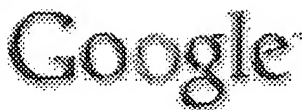
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... of MeV proton production in short pulse high intensity ... al (p+10) Fast ignition by laser-produced proton ... study of capsule implosion and beam triggered ignition ...

[www.mpg.de/5th-FI-Workshop/progrmadeira.pdf](http://www.mpg.de/5th-FI-Workshop/progrmadeira.pdf) - [Similar pages](#)

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... 30 mm) with near diffraction limited beam quality (M ..... the course of development of



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[PDF] Mercury Laser

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... Slab metal vanes Channel section **Diffuser** section Nozzle .... telescope lens The Mercury **laser** system minimizes .... in a 1x diffraction limited **beam** • Backplane and ...

[www-lerp.ucsd.edu/LIB/MEETINGS/0102-NRL-LASER-DP/Dibeau.pdf](http://www-lerp.ucsd.edu/LIB/MEETINGS/0102-NRL-LASER-DP/Dibeau.pdf) - [Similar pages](#)

[PDF] BCLDS

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... **Laser** optics inspection Calibration calorimeters CSF TSF Output **beam splitter** FOA AMP ... Location of the **laser** diag- nostics for NIF ... **diffuser/** integrator F IGURE 11 ...

[www.lnl.gov/nif/icf/icfpubs/qrtly\\_reports/oct-dec98/7-bliss.pdf](http://www.lnl.gov/nif/icf/icfpubs/qrtly_reports/oct-dec98/7-bliss.pdf) - [Similar pages](#)

[PDF] L-PI NIF-SP (HLP5 HLP6)

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... NIF target can be post-processed with the **Laser** Interactions Post ... of a  $2 \times 10^{15}$  W cm<sup>-2</sup> NIF **beam** are 25 ... length and of time throughout the NIF **pulse**, for the ...

[www.lnl.gov/nif/icf/icfpubs/qrtly\\_reports/july-sep95/MacGowan.pdf](http://www.lnl.gov/nif/icf/icfpubs/qrtly_reports/july-sep95/MacGowan.pdf) - [Similar pages](#)

[PDF] Cloud and Aerosol Lidar Technology Systems Study Final Report

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... harmonic • PRF: 10 to 30 Hz • **Pulse** length: <50 .... be contained in a spectral **bandwidth** of 5.0 ... stability: +/- 5% of full-angle **laser beam** divergence • Wall ...

[esto.nasa.gov/files/1999/Stadler.pdf](http://esto.nasa.gov/files/1999/Stadler.pdf) - [Similar pages](#)

[PDF] U ... =

File Format: PDF/Adobe Acrobat

... diffraction grating; QD, quadrant detector; BS, **beam splitter**; PD, photodiode ..... of the **beam** was 180 ,m. The **laser** energy in ... which sampled part of the **beam** and was ...

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[PDF] Chapter 13 Photon Collider 1 Introduction

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An electron linear collider can be converted to a  $\gamma\gamma$  collider if a high-power **laser pulse** intersects the electron **beam** just before the interaction point (IP ...

[www.slac.stanford.edu/grp/th/LCBook/gammagamma.pdf](http://www.slac.stanford.edu/grp/th/LCBook/gammagamma.pdf) - [Similar pages](#)

[PDF] EUPHORAM

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... H 100 - 150 mm f=50 **Diffuser** Projection Lens f ..... the main UV **laser beam**, no **beam splitter** is required ... the entrance windows perpendicular to the **laser beam** are anti ...

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... 677 Backward reflection 574 Baking 580 **Bandwidth** 517, 565 ..... 846 Coulomb repulsion 802 Counter-rotating **diffuser** 567 Cr-patterned glass e-beam fabrication 111 ...

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[PDF] Solid-state Laser With Vibrating Reflector

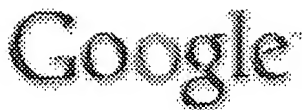
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... of a fast response silicon photocell illuminated through a **beam splitter**. ..... of a lens or a **diffuser** into the ..... photographs represent the total **laser pulse** out- put ...

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... diffraction grating; QD, quadrant detector; BS, **beam splitter**; PD, photodiode ..... of the **beam** was 180  $\mu$ m. The **laser** energy in ... which sampled part of the **beam** and was ...  
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Each vibrational state is **split** into many rotational states ..... In other words, the **beam** contains so many photons ..... **Laser** photons with a **wavelength** of 334 nanometers ...  
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[PDF] [Ladies and Gentlemen, dear Colleagues](#)

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The use of a computer-controlled fast **laser beam** scan- ner ..... dynamic range on a high detector **bandwidth** (MHz to ..... nm after samples radi- ated by **laser**) of stomach ...  
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